Power Cables
Extension Cables
Socket Strips
USB Power Supply
Intelligent PDUs

Power Supply

Schuko Plug 90°
to IEC Jack CEE7/7 - C13

Art.-No.	Length	Cable Assembly
EK501.2	2.0 m	H05VV-F 3G 0.75 qmm
EK501.2,5	2.5 m	H05VV-F 3G 1.00 qmm
EK501.3	3.0 m	H05VV-F 3G 1.00 qmm
EK501.5	5.0 m	H05VV-F 3G 1.00 qmm

- 10 A / 250 V VDE tested
- Colour grey
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 180°
to IEC Jack 180° CEE7/7 - C19

Art.-No.	Length	Cable Assembly
EK511.1,8	1.8 m	H05VV-F 3G 1.50 qmm
EK511.3	3.0 m	H05VV-F 3G 1.50 qmm

- 16 A / 250 V VDE tested
- Colour black
- Use: High Class Server, UPS Systems
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 180°
to IEC Jack 180° CEE7/7 - C13

Art.-No.	Length	Cable Assembly
EK508.2	2.0 m	H05VV-F 3G 1.00 qmm
EK508.3	3.0 m	H05VV-F 3G 1.00 qmm
EK508.5	5.0 m	H05VV-F 3G 1.00 qmm

- 10 A / 250 V VDE tested
- Colour grey
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 180°
to IEC Jack 180° CEE7/7 - C13

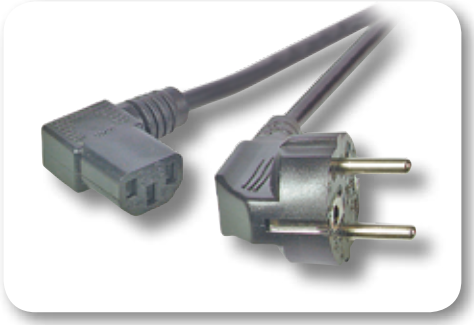
Art.-No.	Length	Cable Assembly
EK508SW.2	2.0 m	H05VV-F 3G 0.75 qmm
EK508SW.3	3.0 m	H05VV-F 3G 1.00 qmm
EK508SW.5	5.0 m	H05VV-F 3G 1.00 qmm

- 10 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 90°
to IEC Plug 180° CEE7/7 - C13

Art.-No.	Length	Cable Assembly
EK504.2	2.0 m	H05VV-F 3G 0.75 qmm
EK504.3	3.0 m	H05VV-F 3G 1.00 qmm
EK504.5	5.0 m	H05VV-F 3G 1.00 qmm

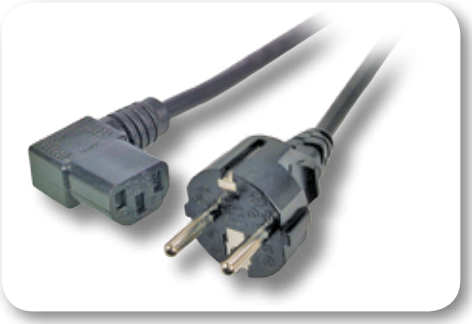
- 10 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)



Schuko Plug 90°
to IEC Plug 90° CEE7/7 - C13

Art.-No.	Length	Cable Assembly
EK535.2	2.0 m	H05VV-F 3G 0.75 qmm
EK535.3	3.0 m	H05VV-F 3G 1.00 qmm
EK535.5	5.0 m	H05VV-F 3G 1.00 qmm

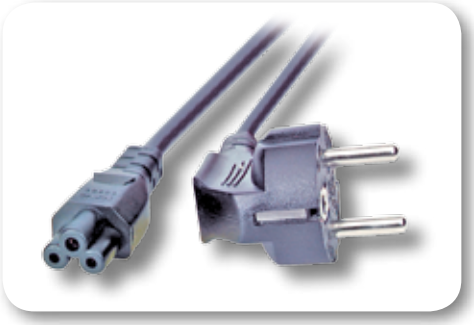
- 10 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)



Schuko Plug 180°
to IEC Plug 90° CEE7/7 - C13

Art.-No.	Length	Cable Assembly
EK534.2	2.0 m	H05VV-F 3G 0.75 qmm
EK534.3	3.0 m	H05VV-F 3G 1.00 qmm
EK534.5	5.0 m	H05VV-F 3G 1.00 qmm

- 10 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)



Schuko Plug 90°
to 3-Pole Adapter 180° CEE7/7 - C5

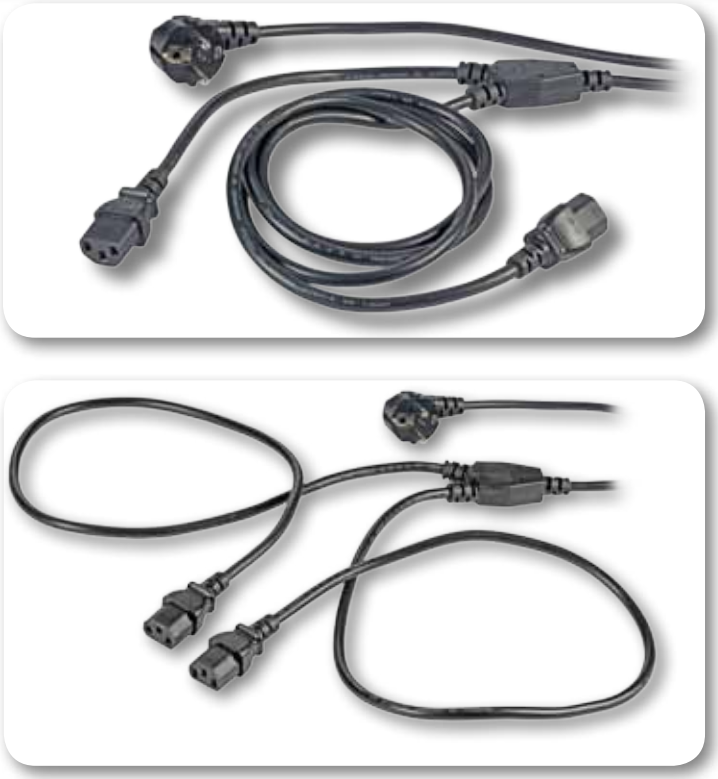
Art.-No.	Length	Cable Assembly
EK550.1,8	1.8 m	H05VV-F 3G 0.75 qmm
EK550.3	3.0 m	H05VV-F 3G 1.00 qmm
EK550.5	5.0 m	H05VV-F 3G 1.00 qmm

- 2.5 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 90°
to 3-Pole Adapter 90° CEE7/7 - C5

Art.-No.	Length	Cable Assembly
EK551.1,8	1.8 m	H05VV-F 3G 0.75 qmm
EK551.3	3.0 m	H05VV-F 3G 1.00 qmm
EK551.5	5.0 m	H05VV-F 3G 1.00 qmm

- 2.5 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)



Schuko Plug 90° to IEC C13
for clearly assignment of cable and device

Art.-No.	Cable Assembly	Length	Colour
EK588WS.1,8	H05VV-F 3G 0.75 qmm	1.8 m	white
EK588RT.1,8	H05VV-F 3G 0.75 qmm	1.8 m	red
EK588OR.1,8	H05VV-F 3G 0.75 qmm	1.8 m	orange
EK588GN.1,8	H05VV-F 3G 0.75 qmm	1.8 m	green
EK588GE.1,8	H05VV-F 3G 0.75 qmm	1.8 m	yellow
EK588BL.1,8	H05VV-F 3G 0.75 qmm	1.8 m	blue

- Coloured power cords for clearly assignment of device - cable - outlet
- No time-intensive search or tracing of cables
- Schuko Plug CEE7/7 90° - C13 180° (IEC Jack)
- 10 A / 250 V VDE tested

The coloured power cords enable an instant visual assignment of devices and the corresponding power cord.

The Schuko plug CEE7/7 is used in the following countries:

- Afghanistan
- Algeria
- Andorra
- Austria
- Belgium
- Bosnia-Herzegowina
- Bulgaria
- Czechia
- Germany
- Estonia
- Finnland
- France
- Greece
- Hungary
- Indonesia
- Iceland
- Kroatia
- Latvia
- Lithuania
- Luxembourg
- Morocco
- Macedonia
- Moldova
- Monaco
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russia
- Sweden
- Serbia
- Slovakia
- Slovenia
- Spain
- South Korea
- Tunisia
- Ukraine

Notice: In Syria and Turkey the plug is officially not standardised, but is often used because of its mechanical compatibility. The earthing contact hereby gets not connected.

Schuko Plug 90° to 2 x IEC C13 Jack
Y - power cord, symmetrical + asymmetrical whip

Art.-No.	Cable Assembly	Length	Construction
EK505V2.3	H05VV-F 3G 1.00 qmm	1.8 m / 3.0 m	1.5 m + (0.3 m / 1.5 m)
EK586.2	H05VV-F 3G 1.00 qmm	2.0 m	1.2 m + (2 x 0.8 m)

- For connecting of two devices to one outlet (e.g. PC + Monitor)
- **Max. 16 A totally (e.g. 2 x 8 A or 1 x 10 A + 1 x 6 A)**
- VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)

Schuko Plug 90° to Open End
with wire end sleeves

Art.-No.	Cable Assembly	Length	Colour
EK504AE.1,8	H05VV-F 3G 0.75 qmm	1.8 m	black
EK504AE.3	H05VV-F 3G 1.00 qmm	3.0 m	black
EK504AE.5	H05VV-F 3G 1.00 qmm	5.0 m	black

- 10 A / 250 V VDE tested
- Open End assembled with wire end sleeves
- Wire end sleeves for 1.8 m: L = 6 mm, ⌀ 1.7 mm, yellow insolator
- Wire end sleeves for 3 + 5 m: L = 8 mm, ⌀ 1.7 mm, red insulator
- Colour: black
- Suitable for Germany, Belgium, France and further (see overview)

‚Unique‘ Female IEC C13 & C19 Connector „IEC Lock“

Guards against accidental disconnection of computers, servers and most electrical appliances.

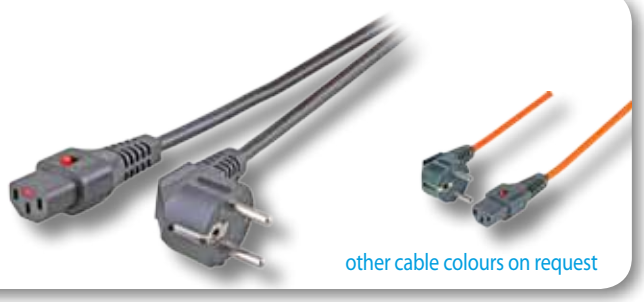
- Kompatibel mit allen handelsüblichen IEC Steckern C14/C20
- Protects appliances that are vulnerable to vibration
- Connector cannot be accidentally pulled or vibrated out of the inlet
- Use in Data Center, Medical, Outside Broadcasting, Maritime and others
- International connectors, special colour and special lengths possible
- Appliance sockets C14/C20 with locking available on request

How it Works:

- Push the connector into the standard IEC inlet and it is locked in position

- Connector CAN NOT be accidentally pulled or vibrated out of the inlet

- Slide back the red latch to release and remove the connector from inlet



other cable colours on request

Schuko Plug 90° to IEC C13 Jack 180° with IEC Lock

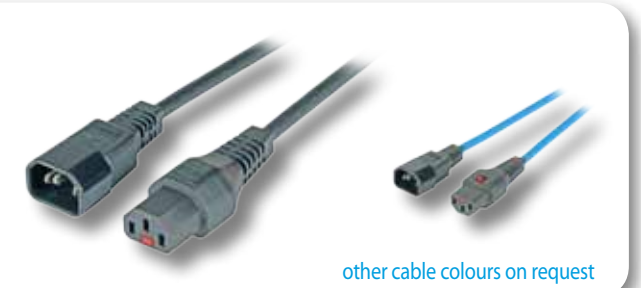
Art.-No.	Length	Cable Assembly
EK600SW.1	1.0 m	H05VV-F 3G 1.00 qmm
EK600SW.2	2.0 m	H05VV-F 3G 1.00 qmm
EK600SW.3	3.0 m	H05VV-F 3G 1.00 qmm

- **With „IEC Lock“: prevents accidentally removing of the C13 jack from devices**
- After connecting, the C13 jack only can be released after sliding back the red latch
- 10 A / 250 V VDE tested
- Colour black s(optional: orange, blue, grey, white)
- Suitable for Germany, Belgium, France and further (see overview)
- Other types on request: UK, USA/NEMA, Switzerland, open end

Schuko Plug 90° to IEC C19 Jack 180° with IEC Lock

Art.-No.	Length	Cable Assembly
EK606SW.2	2.0 m	H05VV-F 3G 1.50 qmm

- **With „IEC Lock“: prevents accidentally removing of the C19 jack from devices**
- After connecting, the C13 jack only can be released after sliding back the red latch
- 16 A / 250 V VDE tested
- Colour black
- Suitable for Germany, Belgium, France and further (see overview)



other cable colours on request

Extension Cord C13 - C14 with IEC Lock

Art.-No.	Length	Cable Assembly
EK601SW.0,5	0.5 m	H05VV-F 3G 1.00 qmm
EK601SW.1	1.0 m	H05VV-F 3G 1.00 qmm
EK601SW.2	2.0 m	H05VV-F 3G 1.00 qmm
EK601SW.3	3.0 m	H05VV-F 3G 1.00 qmm

- **With „IEC Lock“: prevents accidentally removing of the C13 jack from devices**
- After connecting, the C13 jack only can be released after sliding back the red latch
- 10 A / 250 V VDE tested
- Colour black (optional: orange, blue, grey, white)
- International standardised connectors

Extension Cord C19 - C20 with IEC Lock

Art.-No.	Length	Cable Assembly
EK607SW.1	1.0 m	H05VV-F 3G 1.50 qmm
EK607SW.2	2.0 m	H05VV-F 3G 1.50 qmm
EK607SW.3	3.0 m	H05VV-F 3G 1.50 qmm

- **With „IEC Lock“: prevents accidentally removing of the C19 jack from devices**
- After connecting, the C13 jack only can be released after sliding back the red latch
- 16 A / 250 V VDE geprüft
- Colour black
- International standardised connectors

Extension Cable C14 - C13

Art.-No.	Length	Cable Assembly
EK507.1,8	1.8 m	H05VV-F 3G 0.75 qmm
EK507.3	3.0 m	H05VV-F 3G 1.00 qmm
EK507.5	5.0 m	H05VV-F 3G 1.00 qmm

- Plug IEC60320/C14 to jack IEC60320/C13
- 10 A / 250 V VDE tested
- Colour grey
- International standardised connectors

Extension Cable C14 - C13

Art.-No.	Length	Cable Assembly
EK503.0,5	0.5 m	H05VV-F 3G 0.75 qmm
EK503.1	1.0 m	H05VV-F 3G 0.75 qmm
EK503.2	2.0 m	H05VV-F 3G 0.75 qmm
EK503.3	3.0 m	H05VV-F 3G 1.00 qmm
EK503.5	5.0 m	H05VV-F 3G 1.00 qmm

- Plug IEC60320/C14 to jack IEC60320/C13
- 10 A / 250 V VDE tested
- Colour black
- International standardised connectors

Extension Cable C14 - Schuko Jack

Art.-No.	Length	Cable Assembly
EK529.1	1.0 m	H05VV-F 3G 1.00 qmm

- Plug IEC60320/C14 to Schuko jack
- 10 A / 250 V VDE tested
- Colour black
- International standardised connectors

Extension Cable C14 - C19

Art.-No.	Length	Cable Assembly
EK526.1,8	1.8 m	H05VV-F 3G 1.00 qmm
EK526.3	3.0 m	H05VV-F 3G 1.00 qmm

- Plug IEC60320/C14 to jack IEC60320/C19
- 10 A / 250 V VDE tested
- Colour black
- International standardised connectors

Extension Cable C20 - C13

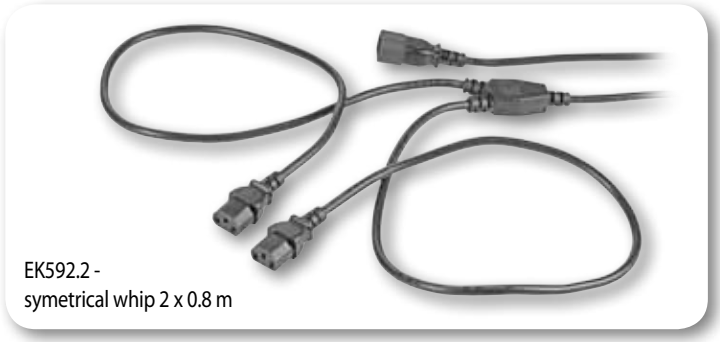
Art.-No.	Length	Cable Assembly
EK531.1,8	1.8 m	H05VV-F 3G 1.00 qmm

- Plug IEC60320/C20 to jack IEC60320/C13
- 10 A / 250 V VDE tested
- Colour black
- International standardised connectors

Extension Cable C20 - C19

Art.-No.	Length	Cable Assembly
EK519.1,8	1.8 m	H05VV-F 3G 1.50 qmm
EK519.2,5	2.5 m	H05VV-F 3G 1.50 qmm
EK519.5	5.0 m	H05VV-F 3G 1.50 qmm

- Plug IEC60320/C20 to jack IEC60320/C19
- 16 A / 250 V VDE tested
- Colour black
- Application: High Class Server, UPS devices
- International standardised connectors



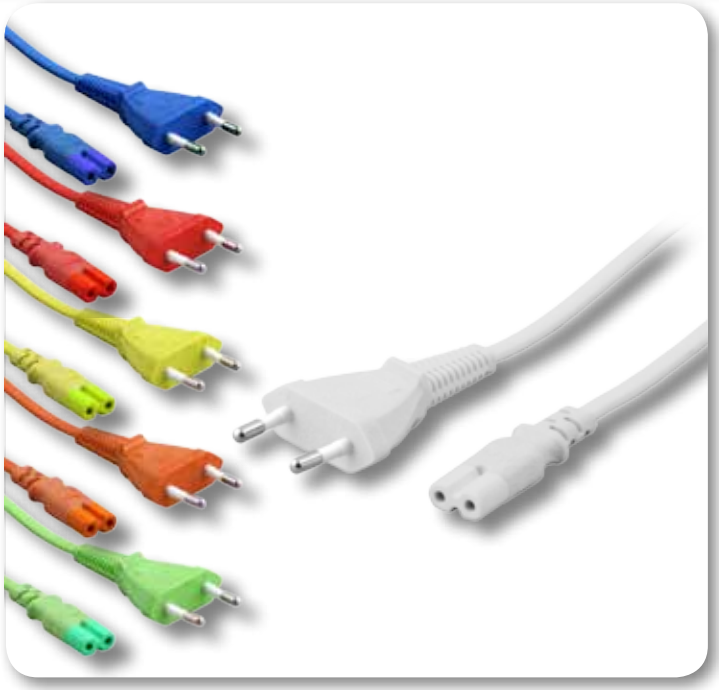
EK592.2 -
symetrical whip 2 x 0.8 m

EK542.3 - asymmetrical whip 0.3 / 1.5 m

Y Connection Cable C14 - 2 x C13
symmetrical + asymmetrical whip

Art.-No.	Cable Assembly	Length	Construction
EK542.3	H05VV-F 3G 1.00 qmm	1.8 m / 3.0 m	1.5 m + (0.3 m / 1.5 m)
EK592.2	H05VV-F 3G 1.00 qmm	2.0 m	1.2 m + (2 x 0.8 m)

- For connecting of two devices to one UPS, two monitors to one PC, ...
- **Max. current 10 A totally (e.g. 2 x 5 A)**
- 10 A / 250 V VDE tested
- Colour black
- International standardised connectors



Euro Plug to Euro 8 Jack
Euro - C7, coloured

Art.-No.	Cable Assembly	Length	Colour
EK589WS.1,8	H03VV-F 2G 0.75 qmm	1.8 m	white
EK589RT.1,8	H03VV-F 2G 0.75 qmm	1.8 m	red
EK589OR.1,8	H03VV-F 2G 0.75 qmm	1.8 m	orange
EK589GN.1,8	H03VV-F 2G 0.75 qmm	1.8 m	green
EK589GE.1,8	H03VV-F 2G 0.75 qmm	1.8 m	yellow
EK589BL.1,8	H03VV-F 2G 0.75 qmm	1.8 m	blue

- Coloured power cords for clearly assignment of device - cable - outlet
- No time-intensive search or tracing of cables
- Euro plug to euro 8 jack IEC60320/C7 180°
- Cable H03VV-F 2G 0.75 qmm
- 2.5 A / 250 V VDE tested
- **Suitable for Europe, except of UK, Ireland, Malta, Cyprus**

Euro Plug to Euro 8 Socket (IEC60320/C7)

Art.-No.	Length	Cable Assembly
EK502.2	2.0 m	H03VV-F 2G 0.75 qmm
EK502.3	3.0 m	H03VV-F 2G 0.75 qmm
EK502.5	5.0 m	H03VV-F 2G 0.75 qmm

- 2.5 A / 250 V VDE tested
- Colour black
- **Suitable for Europe, except of UK, Ireland, Malta, Cyprus**

Euro Plug to Open End
with wire end sleeves

Art.-No.	Length	Cable Assembly
EK502AE.1,8	**1.8 m**	H03VV-F 2G 0.75 qmm
EK502AE.3	**3.0 m**	H03VV-F 2G 0.75 qmm
EK502AE.5	**5.0 m**	H03VV-F 2G 0.75 qmm

- 2.5 A / 250 V VDE tested
- Open End with wire end sleeves
- Wire end sleeves: L = 6 mm, ⌀ 1.7 mm, yellow insulator
- Colour black
- **Suitable for Europe, except of UK, Ireland, Malta, Cyprus**

Euro Plug to Euro 8 Jack 90°
Euro - C7 90° up/down

Art.-No.	Length	Cable Assembly
EK546.2	2.0 m	H03VV-F 2G 0.75 qmm

- 2.5 A / 250 V VDE tested
- Colour black
- **Suitable for Europe, except of UK, Ireland, Malta, Cyprus**

Euro Plug to Euro 8 Jack 90°
Euro - C7 90° left/right

Art.-No.	Length	Cable Assembly
EK547.2	2.0 m	H03VV-F 2G 0.75 qmm

- 2.5 A / 250 V VDE tested
- Colour black
- **Suitable for Europe, except of UK, Ireland, Malta, Cyprus**

England
BS1363A - C13

Art.-No.	Length	Cable Assembly
EK500.2	2.0 m	H05VV-F 3G 0.75 qmm
EK500.3	3.0 m	H05VV-F 3G 1.00 qmm
EK500.5	5.0 m	H05VV-F 3G 1.00 qmm

- 5 A / 250 V with fuse 5 A
- Colour black
- Suitable for UK, Ireland, Singapur, Malaysia

England
BS1363A - C7

Art.-No.	Length	Cable Assembly
EK498.1,8	1.8 m	H03VV-F 2G 0.75 qmm
EK498.3	3.0 m	H03VV-F 2G 1.00 qmm
EK498.5	5.0 m	H03VV-F 2G 1.00 qmm

- 2.5 A / 250 V with fuse 3 A
- Colour black
- Suitable for UK, Ireland, Singapur, Malaysia

England
BS1363A - C5

Art.-No.	Length	Cable assembly
EK499.1,8	1.8 m	H05VV-F 3G 0.75 qmm
EK499.3	3.0 m	H05VV-F 3G 1.00 qmm
EK499.5	5.0 m	H05VV-F 3G 1.00 qmm

- 2.5 A / 250 V with fuse 3 A
- Colour black
- Suitable for UK, Irland, Singapur, Malaysia

England
BS1363A - C13 90°

Art.-No.	Length	Cable assembly
EK460.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V with fuse 3 A
- Colour black
- Suitable for UK, Ireland, Singapur, Malaysia

England
BS1363A - C13 10 A

Art.-No.	Length	Cable assembly
EK484.2	2.0 m	H05VV-F 3G 1.00 qmm

- 10 A / 250 V with fuse 5 A
- Colour black
- Suitable for UK, Ireland, Singapur, Malaysia

USA/NEMA
5-15P - C13, AWG18

Art.-No.	Length	Cable assembly
EK518.1,8	1.8 m	SVT AWG18 x 3C

- 10 A / 125 V
- Colour black
- **UL, CSA approved**
- Suitable for USA, Canada, Mexico, Taiwan, Brasilia

USA/NEMA
5-15P - C7

Art.-No.	Length	Cable Assembly
EK496.1,8	1.8 m	SPT-2 AWG18 X 2C

- 3 A / 125 V
- Colour black
- **UL, CSA approved**
- Suitable for USA, Canada, Mexico, Taiwan, Brasilia

USA/NEMA
5-15P - C5

Art.-No.	Length	Cable Assembly
EK497.1,8	1.8 m	SVT AWG18 x 3C

- 2.5 A / 125 V
- Colour black
- **UL, CSA approved**
- Suitable for USA, Canada, Mexico, Taiwan, Brasilia

USA/NEMA
5-15P - C13, AWG14

Art.-No.	Length	Cable Assembly
EK462.1,8	1.8 m	3 SJT AWG14 x 3C

- 10(15) A / 125 V (15 A only in USA)
- Colour black
- **UL, CSA approved**
- Suitable for USA, Canada, Mexico, Taiwan, Brasilia

Denmark
DPin 90° - C13

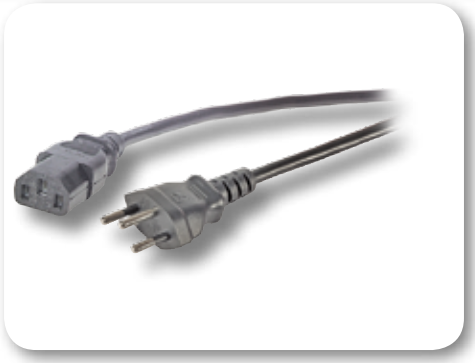
Art.-No.	Length	Cable Assembly
EK539.1,8	1.8 m	H05VV-F 3G 0.75 qmm
EK539.3	3.0 m	H05VV-F 3G 0.75 qmm

- 6 A / 250 V
- Colour black
- Suitable for Denmark

Denmark
DPin 90° - C5

Art.-No.	Length	Cable Assembly
EK540.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for Denmark



Switzerland
Type 12 - C13

Art.-No.	Length	Cable Assembly
EK537.2	2.0 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for Switzerland, Liechtenstein, Ruanda

Switzerland
Type 12 - C5

Art.-No.	Length	Cable Assembly
EK495.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for Switzerland, Liechtenstein, Ruanda

Switzerland
Type 12 - C13 90°

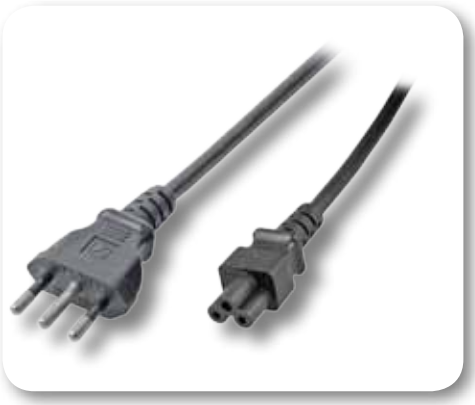
Art.-No.	Cable Assembly	Length
EK483.1,8	H05VV-F 3G 0.75 qmm	1.8 m

- 10 A / 250 V
- Colour black
- Suitable for Switzerland, Liechtenstein, Ruanda

Italy
Type L - C13

Art.-No.	Length	Cable Assembly
EK538.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for Italy



Italy
Type L - C5

Art.-No.	Length	Cable Assembly
EK494.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for Italy

Japan
Typ B - C13

Art.-No.	Length	Cable Assembly
EK490.1,8	1.8 m	VCTF 3G 0.75 qmm

- 7 A / 125 V
- Colour black
- Suitable for Japan

Japan
Type B - C5

Art.-No.	Length	Cable Assembly
EK482.1,8	1.8 m	VCTF 3G 0.75 qmm

- 2.5 A / 125 V
- Colour black
- Suitable for Japan

China
Type I - C13

Art.-No.	Length	Cable Assembly
EK492.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for China

China
Type I - C5

Art.-No.	Length	Cable Assembly
EK481.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for China

China
Type A - C7

Art.-No.	Length	Cable Assembly
EK480.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for China

Australia
Type I AS3112 - C13

Art.-No.	Length	Cable Assembly
EK493.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for Australia, New Zealand, Papua New Guinea

Australia
Type I AS3112 - C7

Art.-No.	Length	Cable Assembly
EK487.1,8	1.8 m	H03VV-F 2G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for Australia, New Zealand, Papua New Guinea

Australia
Type I AS3112 - C13 90°

Art.-No.	Length	Cable Assembly
EK469.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for Australia, New Zealand, Papua New Guinea

Australia
Type I AS3112 - C5

Art.-No.	Length	Cable Assembly
EK468.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for Australia, New Zealand, Papua New Guinea

South Africa / India
Type M - C13

Art.-No.	Length	Cable Assembly
EK488.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 10 A / 250 V
- Colour black
- Suitable for South Africa, India

South Africa / India
Type M - C5

Art.-No.	Length	Cable Assembly
EK467.1,8	1.8 m	H05VV-F 3G 0.75 qmm

- 2.5 A / 250 V
- Colour black
- Suitable for South Africa, India

19" Socket Strip with Full Device Protection

Art.-No.	Type
691689	6-way socket strip, 19" / 1U, grey
691689SW	6-way socket strip, 19" / 1U, black

- Mains- and frequency filter
- Overvoltage protection leakage current 6.5 kA
- Visual function and failure display
- 35° turned socket inserts in the aluminium profile
- 2.0 metres supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Supplied mounting brackets allow any fastening position

19" Socket Strip with Overvoltage Protection

Art.-No.	Type
691687	8-way socket strip, 19" / 1U, grey
691688	7-way socket strip with switch, 19" / 1U, grey

- Overvoltage protection leakage current 6.5 kA
- Visual function and failure display
- 35° turned socket inserts in the aluminium profile
- 2.0 metres supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Supplied mounting brackets allow any fastening position

19" Socket Strip

Art.-No.	Type	Colour
691685	9-way Socket Strip, 19"/1U	grey
691686	8-way Socket Strip with Switch, 19"/1U	grey
691683	9-way Socket Strip, 19"/1U	black
691684	8-way Socket Strip with Switch, 19"/1U	black

- 35° turned socket inserts in the aluminium profile
- 2.0 metres supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Supplied mounting brackets allow any fastening position

Socket Strip 10" 3-Way

Art.-No.	Type
ESP.70	3-way socket strip without switch, 10" / 1U, RAL7035 light grey

- 35° turned socket inserts
- 2.0 metres supply cable black, H05VV-F 3 x 1.50 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Supplied mounting brackets allow any fastening position

19" Socket Strip PVC with Overvoltage Protection

Art.-No.	Type
691693	7-way socket strip, 19" / 1.2U, grey
691694	6-way socket strip with switch, 19" / 1.2U, grey

- Overvoltage protection leakage current 6.5 kA
- Optical function indication
- 35° turned socket inserts in plastic profile
- 2.0 metre supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Height: 54 mm (1.2U)
- Supplied mounting brackets allow any fastening position

19" Socket Strip PVC

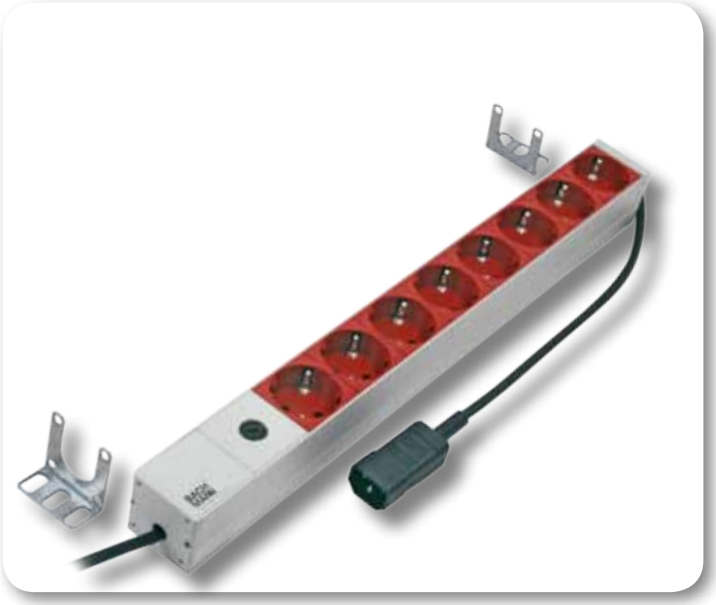
Art.-No.	Type
691695	8-way socket strip, 19" / 1.2U, grey
691696	7-way socket strip with switch, 19" / 1.2U, grey

- 35° turned socket inserts in plastic profile
- 2.0 metre supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- Height: 54 mm (1.2U)
- Supplied mounting brackets allow any fastening position

19" Socket Strip with IEC60320/C13 Sockets

Art.-No.	Type
691697	8-way socket strip, 19" / 1U, grey

- 8 x IEC60320/C13 socket black, in aluminium profile
- Integrated 10 A microfuse
- 2.0 metre supply cable black, H05VV-F 3G 1.5 qmm, with angled Schuko plug CEE7/7
- Supplied mounting brackets allow any fastening position



19" Socket Strip with IEC60320/C14 Plug

Art.-No.	Type
691698	8-way socket strip, 19" / 1U, red

- 2.0 metre supply cable black, H05VV-F 3G 1.0 qmm with IEC60320/C14 plug
- Integrated 10 A microfuse
- 35° turned socket inserts in aluminium profile
- Supplied mounting brackets allow any fastening position

Socket Strip
with overvoltage protection

Art.-No.	Type
ESP.41	6-way overvoltage protection strip, aluminium-silver / black

- Fully appliance protection, consisting of overvoltage protection (nominal leakage current 6.5kA) 2 x thermal fuse, frequency and mains filter
- Optical function indication
- 2.0 metres supply cable black, H05VV-F 3G 1.5 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7
- 35° turned socket inserts
- Integrated cable winder, ON/OFF switch, illuminated

Socket Strip 6-Way
with overvoltage protection

Art.-No.	Type
ESP.29	6-way socket strip with switch, white

- Overvoltage protection leakage current 6.5 kA
- With child protection
- 35° turned socket inserts
- 1.5 metre supply cable white, H05VV-F3 1.50 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7

Socket Strip 6-Way

Art.-No.	Type
ESP.3.1	6-way socket strip, without switch, white
ESP.2.1	6-way socket strip with switch, white

- With child protection
- 35° turned socket inserts
- 1.5 metre supply cable white, H05VV-F3 1.50 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7

Socket Strip 3-Way

Art.-No.	Type
ESP.30.1	3-way socket strip, without switch, white
ESP.25.1	3-way socket strip, with switch, white

- With child protection
- 35° turned socket inserts
- 1.5 metre supply cable white, H05VV-F3 1.50 qmm, 250 V AC / 16 A with angled Schuko plug CEE7/7

Socket Strip 3/6-Way with USB power supply

Art.-No.	Type
EK612	3-way Socket Strip, without Switch, 2 x USB, white
EK613	3-way Socket Strip, with Lighting Switch, 2 x USB, white
EK624	6-way Socket Strip, without Switch, 2 x USB, white
EK615	6-way Socket Strip, with Lighting Switch, 2 x USB, white

- 2 x USB charging feature e.g. for smartphone, MP3 player, camera, ...
- USB power supply 5 V DC, 1000 mA max. totally
- With child protection
- 45° turned outlets
- Cable ca. 1.5 m H05VV-F 3G 1.00 qmm, 250 V AC / 16 A with angled Schuko plug

Socket Strip 6-Way with overvoltage protection, 2 x USB, 2 x RJ45, 2 x RJ11

Art.-No.	Type
EK610	6-way Socket Strip with Lighting Switch, 2 x USB, 2 x RJ45, 2 x RJ11

- Overvoltage protection for power supply, network and phone/modem
- 2 x USB power supply e.g. for smartphone, MP3 player, camera, ...
- Lighting ON/OFF switch
- Wall mounting possible
- 45° turned outlets
- Connections: 6 x Schuko, 2 x RJ45 UTP (IN/OUT), 2 x RJ11(IN/OUT), 2 x USB
- USB power supply 5 V DC, 1000 mA max. totally
- Cable ca. 1.5 m H05VV-F 3G 1.00 qmm, 250 V AC / 16 A with angled Schuko plug
- With child protection, GS tested
- 250 V / 16 A VDE tested

Adapter Plug Schuko/Euro with Switch

Art.-No.	Type
EK619.1	Adapter Plug 1 x Schuko
EK619.2	Adapter Plug 1 x Schuko + 2 x Euro

- For switching of devices directly at the outlet
- Lghting switch
- With child protection
- Colour white
- GS tested
- 16 A / 250 V VDE tested

Schuko Power Adapter 2 x USB

Art.-No.	Type
EK616	Schuko Power Adapter, 2 x USB

- 2 x USB charging feature e.g. for smartphone, MP3 player, camera, ...
- Connections: 1 x Schuko jack, 2 x USB
- With fuse 10 A
- USB power supply 5 V DC, 1000 mA max. totally
- With child protection
- GS tested
- 10 A / 250 V VDE tested

Schuko Power Adapter 1 x USB with clamp e.g. for mobile phones

Art.-No.	Type
EK617	Schuko Power Adapter, 1 x USB, with clamp

- 1 x USB charging feature e.g. for smartphone, MP3 player, camera, ...
- Connections: 1 x Schuko jack, 1 x USB
- USB power supply 5 V DC, 1000 mA max.
- With child protection
- GS tested
- 16 A / 250 V VDE tested

ATEN®
Simply Better Connections™

ALTUSEN™
Enterprise Solutions by ATEN

Features

Remote Monitoring	With PDU/Outlet level metering, IT administrators can easily monitor the real-time current, voltage, power consumption and circuit breaker status of all connected IT equipment via a web-based Graphical User Interface (GUI). External environment sensors allow administrators to monitor temperature, humidity, and differential pressure of the rack environment from just about anywhere in the world.
Remote Power Control	By simply clicking a button on the web-based GUI, administrators can control the power of connected devices with ease. Each outlet can be managed individually.
Early Warning Notification	The PDU allows setting custom thresholds for current, voltage, power consumption, humidity and temperature. When levels exceed the user defined thresholds, designated recipients can receive alarm notifications via email, SNMP traps or the built-in sound alarm and warning lights.
Advanced Security	• Secure 128-bit SSL encryption • Two-level password security • Login Failures – The number of consecutive failed login attempts and the time a remote computer must wait before trying again can be set • Configurable user permissions for outlet level access and control
Event Log Support	The event log function records all the events that take place (including user login/ logout, timeout, outlet ON/OFF/ Reboot by user, user add/delete/changed, eco PDU add/remove and FW upgrade).

PDU Total Overview

Feature	PE6xxx	PE8xxx	PE1xxx	PE6xxx	PE8xxx	PN5xxx	PN7xxx
Model	PE6108G PE6208G	PE8108G PE8208G	PE1216G PE1324G	PE6216G PE6324G	PE8216G PE8324G	PN5212G PN5320G	PN7212G PN7320G
Mounting Dimensions	19" / 1U	19" / 1U	0U / vertical	0U / vertical	0U / vertical	0U / vertical	0U / vertical
Outlets	8	8	16 / 24	16 / 24	16 / 24	12 / 20	12 / 20
Switching Capability	per Outlet	per Outlet	-	per Outlet	per Outlet	per Outlet	per Outlet
Measuring Capability	per PDU	per Outlet	per Bank via EC1000	per Bank	per Outlet	per PDU	per Outlet
Environmental Monitoring *	Yes	Yes	via EC1000	Yes	Yes	Yes	Yes
Digital Output	-	-	-	-	Yes	-	Yes
Daisy Chain	-	-	-	-	-	Yes	Yes
Auto-Ping	-	-	-	-	-	Yes	Yes
eco Sensors Support	Yes	Yes	via EC1000	Yes	Yes	Yes	Yes
CC2000 Support	-	-	-	-	-	Yes	Yes

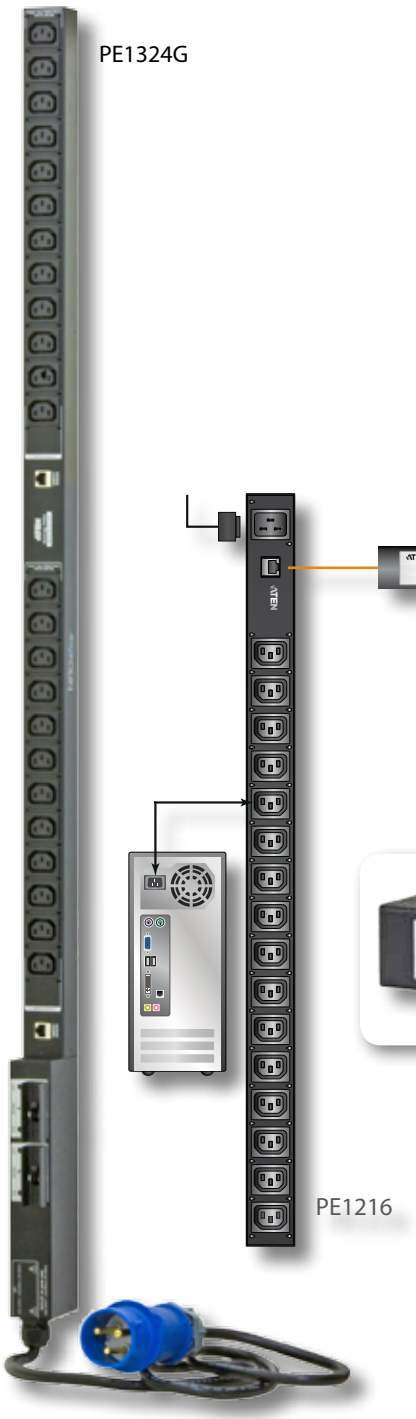
* Sensors for Temperatue / Humidity are not included in delivery and must be ordered separately

16/24-Port 0U Power Distribution Unit
„IP-Ready“ - expandable with measuring unit EC-1000

The PE1216/PE1324 Energy PDU contains 16/24 AC outlets in IEC socket configuration. The PE1216/PE1324 Energy PDU features a space-saving 0U design that allows it to be mounted vertically on the outside of a rack, resulting in a more efficient use of space in the server room, while providing 16/24 AC outlets.

The PE1216/PE1324 Energy PDU can be integrated into an installation with the EC1000 Energy Box, allowing you to monitor the real-time current and environmental conditions of the Energy PDU from the front panel of the EC1000 at the rack, or via Web GUI remotely – making your server room efficiently green with ease.

- Scope of delivery: 1 x Energy PDU, 1 x power cable (PE1216: C20-C19, PE1324: IEC 309), 1 x mounting kit, 1 x user manual



Feature		PE1216G	PE1324G
Outlets		16 x IEC C13	24 x IEC C13
Connectors	**Input**	1 x IEC C20	1 x IEC 60309 32 A
	Energy Sensor	1 x RJ45 Jack	2 x RJ45 Jack
Input Voltage		100 .. 240 V AC, 50/60 Hz, 16 A max.	100 .. 240 V AC, 50/60 Hz, 32 A max.
Output Voltage		100 .. 240 V AC, 50/60 Hz, 10 A per Port, 16 A max.	100 .. 240 V AC, 50/60 Hz, 16 A per Bank, 32 A max.
Environment	**Operating Temperature**	0°C .. +50 °C	
	Storage Temperature	-20°C .. +60°C	
	Humidity	0 .. 80 %, non-condensing	
Housing		Metal Housing	
Weight		1.23 kg	3.47 kg
Dimensions (L x W x H)		730 x 440 x 440 mm	1340 x 440 x 440 mm

The EC1000 Energy Box is the latest evolution of NRGence™ - ATEN's energy intelligence solutions. It is the intelligent, cost effective solution to monitor ATEN's Energy PDUs - to ensure safe and effective energy-saving power management.

The EC1000 Energy Box has four Energy Sensor ports to connect to four Energy PDU modules and four Environment sensor ports for external sensors to monitor environmental conditions. Each environmental sensor can provide measured readings of temperature and humidity from separate areas of a data room, giving a wide range of monitoring and protection you need.

The Energy Box allows power and environmental data to be monitored and displayed at the rack or remotely for easy viewing and maintenance. The Energy Box is a standalone unit with over IP monitoring that is controlled by Web GUI or ATEN's eco Sensors software.

Energy Box EC1000
for expanding the PE1xxx series

Art.-No.	Description
EC1000	Energy Box
EA1140	Temperature Sensor, incl. cable 3 m
EA1240	Temp. + Humidity Sensor, incl. cable 3 m

- 4 x RJ45 Port for monitoring four Energy PDU currents (0 .. 32 A per port)
- 4 x RJ11 Port for environment monitoring sensors temperature and humidity
- Space-saving design, 0U mounting kit available optionally
- Remote monitoring and control of power supply
- Definable thresholds for current, temperature, humidity
- Supports name assignment for individual Energy PDUs
- Remote monitoring (IP) via Webinterface, software eco Sensors or SNMP
- Local alarm via audible signal and LED
- Remote alarm via SMTP (Email), SNMP Trap, Syslog

8-Port 19“ 1U Intelligent PDU
measuring per PDU/outlet, switching per PDU/outlet

Remote Monitoring:
With PDU/Outlet level metering, IT administrators can easily monitor the real-time current, voltage, power consumption and circuit breaker status of all connected IT equipment via a web-based Graphical User Interface (GUI).
External environment sensors allow administrators to monitor temperature and humidity of the rack environment from just about anywhere in the world.

Remote Power Control:
By simply clicking a button on the web-based GUI, administrators can control the power of connected devices with ease. Each outlet can be managed individually.

Easy Warning Notification:
The PDU allows setting custom thresholds for current, voltage, power consumption, humidity and temperature. When levels exceed the user defined thresholds, designated recipients can receive alarm notifications via e-mail, SNMP traps or the built-in sound alarm and warning lights.

Advanced Security:
- Secure 128-bit SSL encryption
- Two-level password security
- Login Failures – The number of consecutive failed login attempts and the time a remote computer must wait before trying again can be set
- Configurable user permissions for outlet level access and control

Event Log Support:
The event log function records all the events that take place (including user login/logout, timeout, outlet ON/OFF/Reboot by user, user add/delete/changed, eco PDU add/remove and FW upgrade).

detail view

Art.-No.	Power Cable (IEC C19 to...)	Outlets	Switching Capability	Measuring Capability	Max. Current
Design 19“ / 1U					
PE6108G	IEC C14	8 x IEC C13	per Outlet	per PDU	10 A
PE6208G	IEC C20	7 x C13 + 1 x C19	per Outlet	per PDU	10 A / 16 A
PE8108G	IEC C14	8 x IEC C13	per Outlet	per Outlet	10 A
PE8208G	IEC C20	7 x C13 + 1 x C19	per Outlet	per Outlet	10 A / 16 A

eco Sensors Energy-Management-Software included in delivery of all PE series PDUs

- Automatic discovery of all ATEN PE devices withhin the same intranet
- Remote real-time power measurement and control
- Remote real-time power outlet management
- Remote real-time environment sensor monitoring
- Plotting/monitoring of all PE devices
- Exceed threshold alert trhough SMTP (E-Mail) and Syslog
- Power Analysis Report
- For further details see page 313

16/24-Port 0U Intelligent PDU
measuring per bank, switching per outlet

Features:

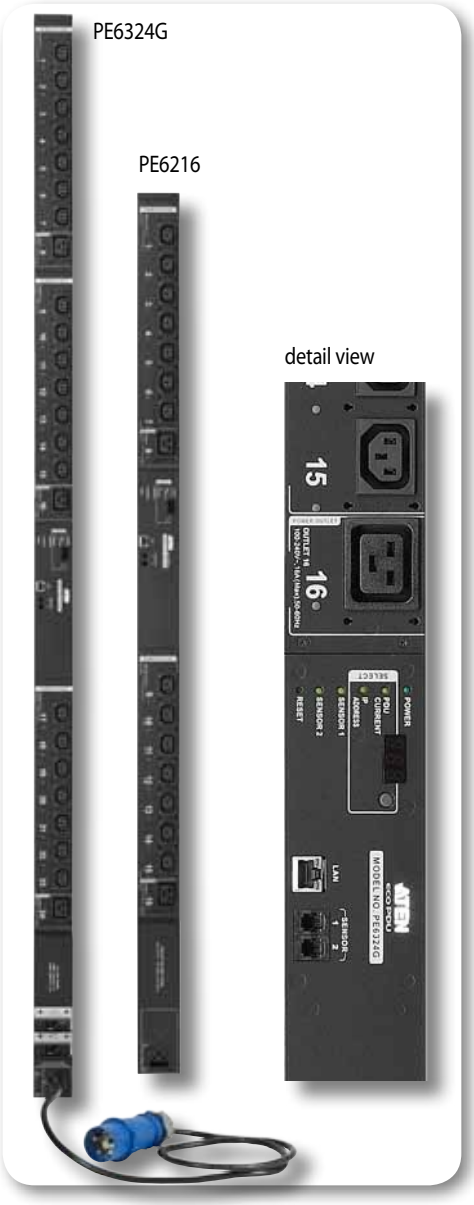
- Remote control and monitoring via webinterface and software „eco Sensors“
- Local and remote control of individual outlets: ON, OFF, CYCLE
- Power-on sequencing and delay of outlets definable
- Safe shutdown support
- Wake on LAN, System after AC Back, Kill the Power
- Power status measuring per PDU/Bank level
- Reat-time monitoring of current, voltage and kWh in webinterface
- Supperts external sensors for temperature and humidity
- Exceed threshhold alert via E-Mail, SNMP-Trap, audible and built in optical alert
- Separate power for the unit's own power and its outlets: the user interface is still accessible even when an overload condition trips the devices circuit breaker
- 3 x 7-segment LED display shows current / IP adress for PDU/Bank
- Supports energy management software „eco Sensors“
- Supports SNMP
- Multi-language support
- Scope of delivery: 1 x PDU, 1 x power cable, 1 x rack mount kit, 1 x software CD „eco Sensors“, 1 x user manual
- Further technical details please find in datasheet

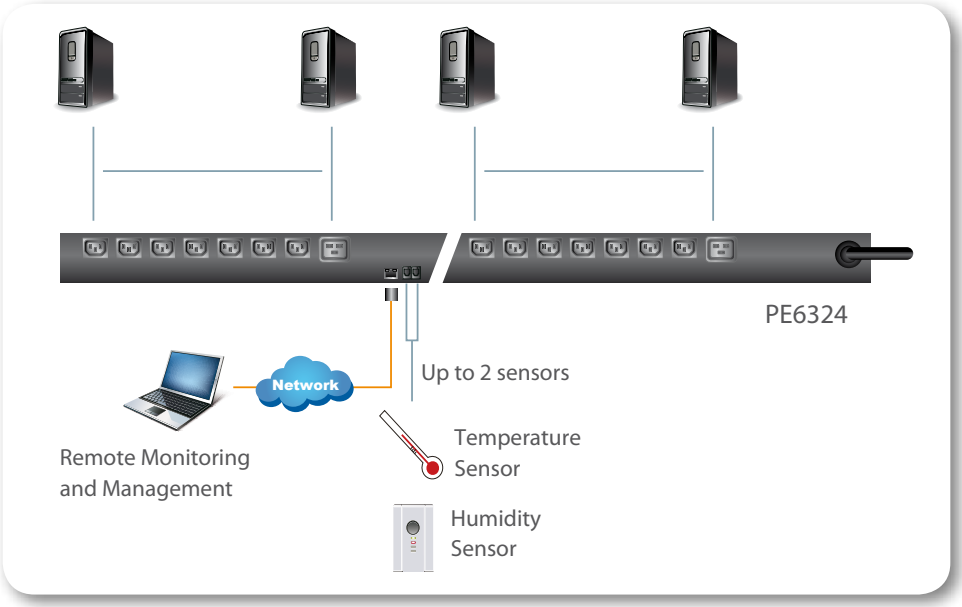
Security

- 8 user and 1 administrator account
- Configurable user access for outlet level access and control
- Supports IP/MAC filtering
- Supports SSL encryption (128 Bit)
- Supports RADIUS remote authentication

Art.-No.	Outlets	Banks	Switching Capapility	Measuring Cap.
PE6216G	14 x C13 + 2 x C19	1 x 16 A	per Outlet	per PDU
PE6324G	21 x C13 + 3 x C19	2 x 16 A	per Outlet	per Bank (2)

Optional Accessories	
EA1140	Temperature Sensor
EA1240	Temperature / Humidity Sensor
2X-EA07	Cable Holder „Lok-U-Plug“, PU 10 pcs.
2X-EA08	Mounting Tool for „Lok-U-Plug“, PU 4 pcs.





Feature		PE6216G	PE6324G
Ausgänge		16	24
Connectors	**Power Supply**	1 x IEC 60320 C20	1 x IEC 60309
	Outlets	14 x IEC 60320 C13 2 x IEC60320 C19	21 x IEC 60320 C13 3 x IEC 60320 C19
	Sensors	2 x RJ11	2 x RJ11
	LAN	1 x RJ45	1 x RJ45
Switches	**Selection**	1 x Pushbutton	
	Reset	1 x Pushbutton	
	Power	1 x Breaker	2 x Breaker
Power Supply		100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Max. Power		3.7 kW	7.4 kW
	Per Port C13	100 .. 240 V AC, 50/60 Hz, 10 A	
	Per Port C19	100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 16 A
	Total	100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Housing		Metal Housing	
Dimensions (L x W x H)		1349 x 660 x 44 mm	1775 x 660 x 44 mm
Weight		3.7 kg	6.3 kg

16/24-Port 0 HE Intelligente Steckdosenleiste
messfähig pro Ausgang, schalftfähig pro Ausgang

Features:
- Remote control and monitoring via webinterface and software „eco Sensors“
- Local and remote control of individual outlets: ON, OFF, CYCLE
- Power-on sequencing and definable delay of outlets
- Safe shutdown support
- Power status measuring per outlet
- Reat-time monitoring of current, voltage and kWh in webinterface
- Supperts external sensors for temperature and humidity
- Exceed threshhold alert via E-Mail, SNMP-Trap, audible and built in optical alert, digital switching port
- Separate power for the unit's own power and its outlets: the user interface is still accessible even when an overload condition trips the devices circuit breaker
- 2 x 7-segment LED display shows station- and outlet ID
- 3 x 7-segment LED display shows current / IP adress for PDU/Bank
- Supports energy management software „eco Sensors“
- Supports SNMP
- Multi-language support
- Scope of delivery: 1 x PDU, 1 x power cable, 1 x rack mount kit, 1 x software CD „eco Sensors“, 1 x user manual
- Further technical details please find in datasheet

Security
- 8 user and 1 administrator account
- Configurable user access for outlet level
- Supports IP/MAC filtering
- Supports SSL encryption (128 Bit)
- Supports RADIUS remote authentication

Art.-No.	Power Cable	Outlets	Banks	Switching Capability	Measuring Capability
PE8216G	IEC C20	14 x C13 + 2 x C19	1 x 16 A	per Outlet	per Outlet
PE8324G	IEC 60309	21 x C13 + 3 x C19	2 x 16 A	per Outlet	per Outlet

Optional Accessories	
EA1140	Temperature Sensor
EA1240	Temperature- / Humidity Sensor
2X-EA07	Cable Holder „Lok-U-Plug“, PU 10 pcs.
2X-EA08	Mounting Tool for „Lok-U-Plug“, PU 4 pcs.

Feature		**PE8216G**	**PE8324G**
Outlets		16	24
Connectors	**Power Supply**	1 x IEC 60320 C20	1 x IEC 60309
	Outlets	14 x IEC 60320 C13 2 x IEC60320 C19	21 x IEC 60320 C13 3 x IEC 60320 C19
	Sensors	4 x RJ11	
	LAN	1 x RJ45	
	Modem	1 x RJ45	
	PON	2 x RJ45 (IN/OUT)	
	Digital Output	1 x Terminal Block	
Switches	**Selection**	3 x Pushbutton	
	Power	1 x Breaker	2 x Breaker
	Reset	1 x Semi-recessed Pushbutton	
Power Supply		100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Max. Power		3.7 kW	7.4 kW
	Per Port C13	100 .. 240 V AC, 50/60 Hz, 10 A	
	Per Port C19	100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 16 A
	Total	100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Housing		Metal Housing	Metal Housing
Dimensions (L x W x H)		1349 x 660 x 44 mm	1775 x 660 x 44 mm
Weight		3.7 kg	6.7 kg

12/20-Port 0HE Intelligente Steckdosenleiste messfähig pro Bank, schalftfähig pro Ausgang, Auto-Ping, kaskadierbar

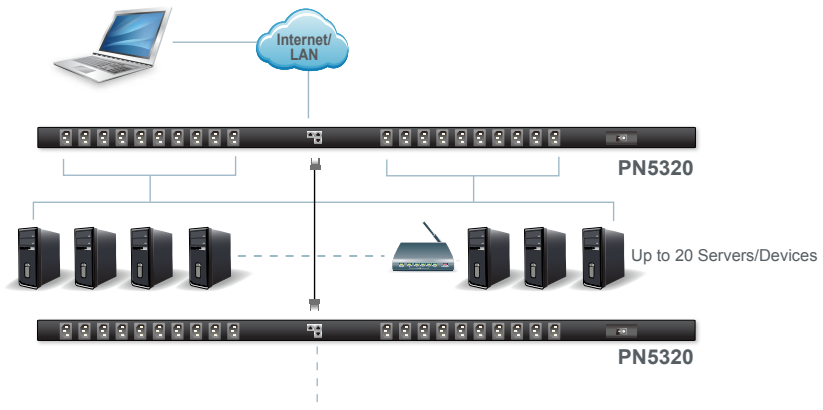
Features:

- Remote control and monitoring via webinterface or Java-GUI (without browser)
- Local and remote control of individual outlets: ON, OFF, CYCLE
- Power-on sequencing and definable delay of outlets
- Daisy chain up to, max. 192 resp. 320 outlets
- Safe shutdown support
- Power status measuring per PDU
- Exceed threshhold alert via E-Mail, SNMP-Trap, audible and built in optical alert
- Auto-Ping pings a device to determine its status
- Separate power for the unit's own power and its outlets: the user interface is still accessible even when an over-load condition trips the devices circuit breaker
- 2 x 7-segment LED display shows station and outlet ID
- 3 x 7-segment LED display shows current, voltage or power consumption
- Compatible to other Aten devices: server, serial devices and PDUs can be controlled via one single interface
- Integration with ALTUSEN CC2000 Management software and KVM devices, supports linking of outlets and KVM ports
- Supports access via local console
- Supports SNMP
- Supports Telnet and SSH
- Multi-language support
- Scope of delivery: 1 x PDU, 3 x serial adapter, 2 x rack mount kit, 1 x software CD, 1 x user manual
- Further technical details please find in datasheet

Security

- Up to 64 user accounts, 32 concurrent logins
- Configurable user access for outlet level
- Supports IP/MAC filtering
- Supports SSL encryption (128 Bit)
- Supports RADIUS, TACACS+, LDAP, LDAPS and Active Directory

Art.-No.	Power Cable	Outlets	Banks	Switching Capability	Measuring Capabilty
PN5212G	IEC 60309	12 x C13	1 x 16 A	per Outlet	per PDU
PN5320G	IEC 60309	17 x C13 + 3 x C19	2 x 16 A	per Outlet	per PDU



Up to 15 additional PDUs can be daisy-chained

PN5320G

detail view

Feature		PN5212G	PN5320G
Outlets	**Direct**	12	20
	Maximum	192	320
Connectors	**Power Supply**	1 x IEC 60309	1 x IEC 60309
	Outlets	12 x IEC 60320 C13	17 x IEC 60320 C13 3 x IEC 60320 C19
	LAN	1 x RJ45	
	PON	2 x RJ45 (IN/OUT)	
Switches	**Selection**	3 x Pushbutton	
Power Supply		100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 32 A
Max. Power		3680 W	7360 W
	Per Port C13	100 .. 240 V AC, 50/60 Hz, 10 A	
	Per Port C19	100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 16 A
	Total	100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Housing		Metal Housing	Metal Housing
Dimensions (L x W x H)		642 x 546 x 1340 mm	642 x 546 x 1676 mm
Weight		4.49 kg	5.68 kg

12/20-Port 0HE Intelligent Steckdosenleiste
measuring per outlet, switching per outlet, Auto-Ping, daisy-chain

Features:

- Remote control and monitoring via webinterface or Java-GUI (without browser)
- Local and remote control of individual outlets: ON, OFF, CYCLE
- Power-on sequencing and definable delay of outlets
- Daisy chain up to 15 addition stations, max. 192 resp. 320 outlets
- Safe shutdown support
- Power status measuring per outlet
- Supports external sensors for temperature and humidity
- Exceed threshhold alert via E-Mail, SNMP-Trap, audible and built in optical alert, digital switching port
- Auto-Ping pings a device to determine its status
- Separate power for the unit's own power and its outlets: the user interface is still accessible even when an overload condition trips the devices circuit breaker
- 2 x 7-segment LED display shows station and outlet ID
- 3 x 7-segment LED display shows current, voltage or power consumption
- Compatible to other Aten devices: server, serial devices and PDUs can be controlled via one single interface
- Integration with ALTUSEN CC2000 Management software and KVM devices, supports linking of outlets and KVM ports
- Supports access via local console
- Supports SNMP
- Supports Telnet and SSH
- Multi-language support
- Scope of delivery: 1 x PDU, 4 x serial adapter, 2 x rack mount kit, 1 x software CD, 1 x user manual
- Further technical details please find in datasheet

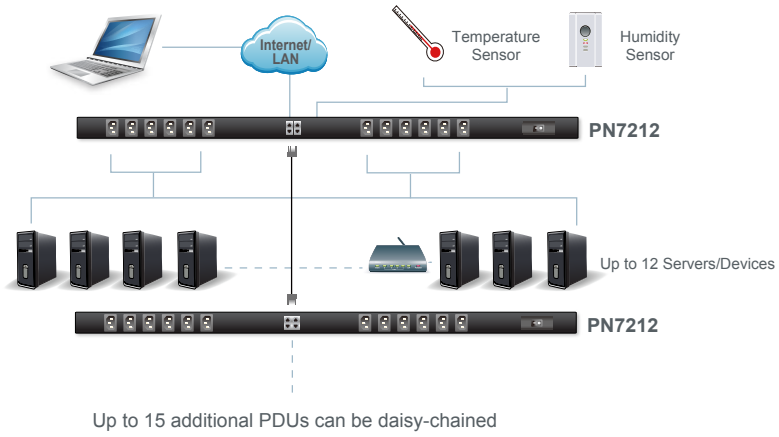
Security

- Up to 64 user accounts, 32 concurrent logins
- Configurable user access for outlet level
- Supports IP/MAC filtering
- Supports SSL encryption (128 Bit)
- Supports RADIUS, TACACS+, LDAP, LDAPS und Active Directory

Art.-No.	Power Cable	Outlets	Banks	Switching	Measuring
PN7212G	IEC 60309	12 x C13	1 x 16 A	per Outlet	per Outlet
PN7320G	IEC 60309	17 x C13 + 3 x C19	2 x 16 A	per Outlet	per Outlet

Optional Accessories	
EA1140	Temperature Sensor
EA1240	Temperature- / Humidity Sensor
2X-EA07	Cable Holder „Lok-U-Plug", PU 10 pcs.
2X-EA08	Mounting Tool for „Lok-U-Plug", PU 4 pcs.

detail view PN7320



Feature		PN7212	PN7320
Outlets	**Direct**	12	20
	Maximum	192 (Daisy Chain)	320 (Daisy Chain)
Connectors	**Power Supply**	1 x IEC 60309	1 x IEC 60309
	Outlets	12 x IEC 60320 C13	17 x IEC 60320 C13 3 x IEC 60320 C19
	PON-Input	1 x RJ45	
	PON-Output	1 x RJ45	
	LAN	1 x RJ45	
	Modem	1 xRJ45	
	Sensors	2 x RJ11	
	Digital Output	1 x Terminal Block	
Switches	**Selection**	3 x Pushbutton	
Power Supply		100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 32 A
Max. Power		3680 W	7360 W
	Per Port C13	100 .. 240 V AC, 50/60 Hz, 10 A	
	Per Port C19	100 .. 240 V AC, 50/60 Hz, 16 A	100 .. 240 V AC, 50/60 Hz, 16 A
	Total	100 .. 240 V AC, 50/60 Hz, 20 A	100 .. 240 V AC, 50/60 Hz, 32 A
Housing		Metal Housing	Metal Housing
Dimensions (L x W x H)		642 x 546 x 1340 mm	642 x 546 x 1676 mm
Weight		4.49 kg	5.68 kg

Environment Sensors
for connection to eco and NRGence PDUs

Feature		Temperature Sensor EA1140	Temperature- / Humidity Sensor EA1240	
Connection			RJ11	
Measuring Range	Range	0 .. +60°C	0 .. +60°C	15 .. 95 % RH
	Tolerance	+/- 1°C	+/- 1°C	+/- 5 % RH
Power Consumption			12 V, 60 mW	
Storage Temperature			-20°C .. +60°C	
Housing			Plastic	
Weight			70 g	
Cable Length			3 Metres	

Cable Holder „Lok-U-Plug“
for secure fixing of the power cables at Aten PDUs

installed Lok-U-Plug

mounting tool

- Fix the cable holder easy in the prepared holes at the outlets of the PDU
- Reduces the risk of failure and device defects caused by accidentally pulled power cables
- Compatible to all Aten NRGence and Energy PDUs
- Patented design

Art.-No.	Type	PU
2X-EA07	Cable Holder „Lok-U-Plug“	10
2X-EA08	Mounting Tool for Lok-U-Plug	4

eco Sensors Energy-Management-Software
included in delivery of all PE series PDUs

eco Sensors software has been developed to work with ATEN's new generation of PE series green energy power distribution units (PDUs) to effectively increase the efficiency of data center power usage. With the use of dynamic Rack Cooling Index (RCI) and Return Temperature Index (RTI) by zone, eco Sensors software, in conjunction with sensor-enabled eco PDUs, gives you the means to assess, diagnose and estimate how much energy you can save. Following the suggestions generated by the sensor-enabled system allows you to optimize energy usage to save energy without harming your IT equipment's reliability. The eco Sensors utility provides single portal, single login, secure, centralized, access, administration and management of up to 255 PE devices over the network – local and worldwide – anywhere and anytime.

- Automatic discovery of all ATEN PE devices within the same intranet
- Remote real-time power measurement and monitoring
- Remote real-time power outlet management
- Remote real-time environment sensor monitoring
- Plotting/monitoring of all PE devices
- Exceed treshold alert through SMTP and Syslog
- Power Analysis Report

Features	
Max. Number PDUs	1000
Data Center Layout	45 x 30
Max. Number Racks	500
Max. Number Zones	20
Analysis Report	3 Years
Display Real-Time Data	1 Hour

Because eco Sensors offers a single, integrated window-based application program to manage all your devices, users no longer need to learn the interface for each individual device or remember every device's IP addresses, making system management easier and more efficient.

By consolidating the management of your PE devices, eco sensors allows every PE device to be accessed and controlled by means of a single interface. All outlets in different PE devices are integrated into a single tree view, making eco sensors ideal for the power management of large data centers and branch office,with servers located in several remote locations within the same intranet.

eco sensors is able to automatically discover all PE devices within the same intranet and has the ability to monitor/manage these devices. This software provides monitoring/managing of PE device outlet power ON/OFF/ Reboot, sequential ON/OFF of outlet, current / kWH / environmental monitoring at PDU/outlet level, name of outlet, current / kWH / environment sensor threshold setting/alert, circuit breaker status monitoring etc. through SNMP. Threshold exceed alert through System log/SMTP.

*eco Sensors is designed to work with NRGence™ PDUs, and is bundled with all PE series packages.